

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109742.D
 Acq On : 10 Oct 2018 15:09
 Operator : JU/SJ
 Sample : J5326-33RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 15:43:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

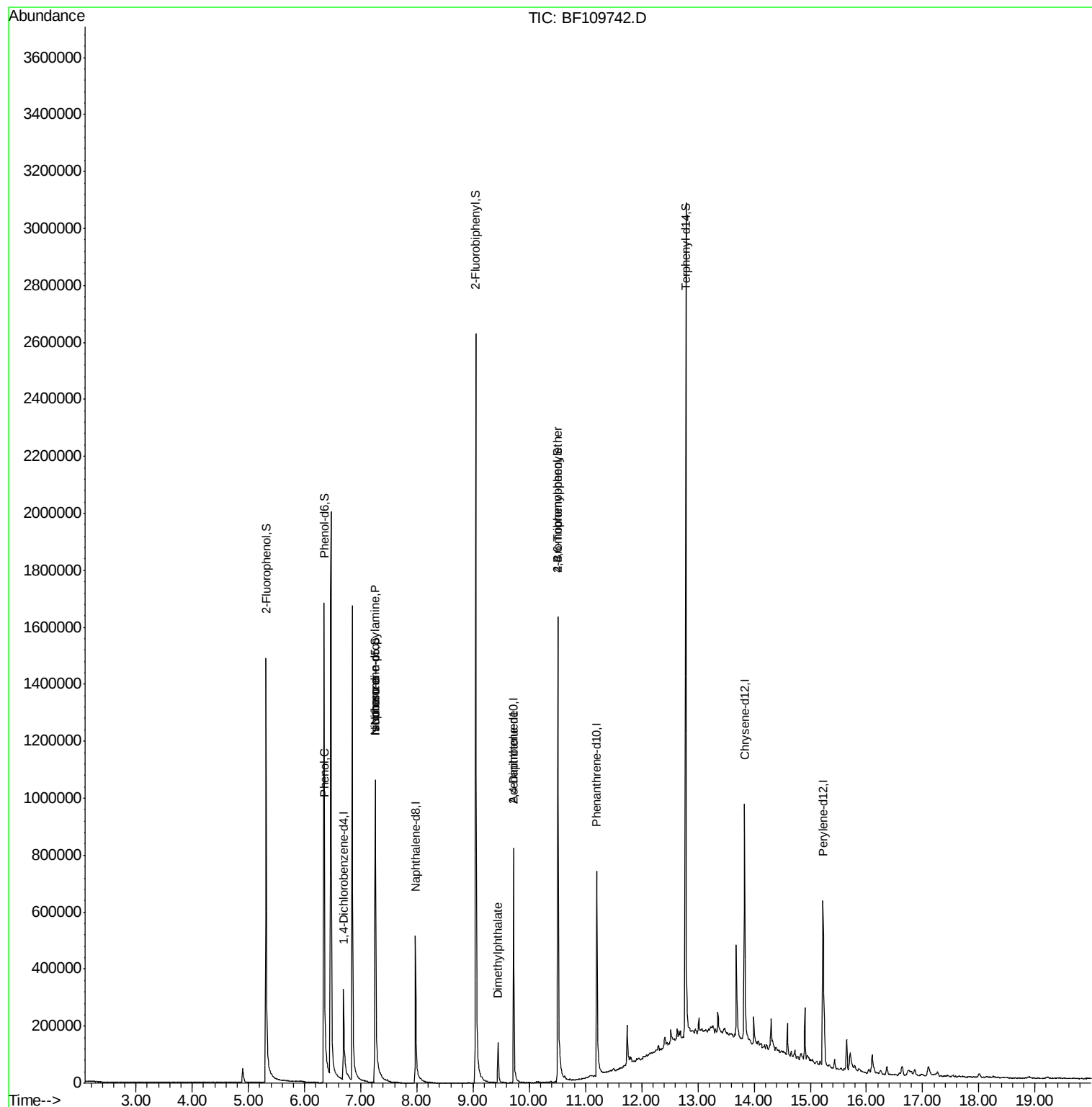
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	84984	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	362754	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	176399	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	375704	20.00	ng	0.00
75) Chrysene-d12	13.83	240	339351	20.00	ng	0.00
86) Perylene-d12	15.23	264	304453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	580772	121.30	ng	0.00
7) Phenol-d6	6.35	99	813854	127.25	ng	-0.01
23) Nitrobenzene-d5	7.26	82	541994	82.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	247425	128.73	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1042071	81.36	ng	0.00
78) Terphenyl-d14	12.79	244	1140849	65.08	ng	0.00
Target Compounds						
10) Phenol	6.36	94	25308	3.451	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	69230	15.435	ng	# 78
25) Isophorone	7.26	82	541992	49.598	ng	# 67
49) Dimethylphthalate	9.45	163	80337	6.210	ng	100
56) 2,4-Dinitrotoluene	9.72	165	22365	6.391	ng	# 18
66) 4-Bromophenyl-phenylether	10.51	248	14792	3.427	ng	# 1

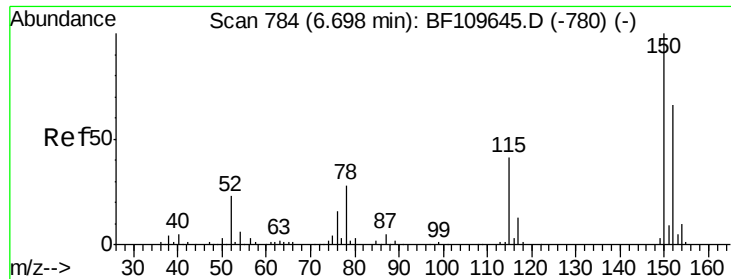
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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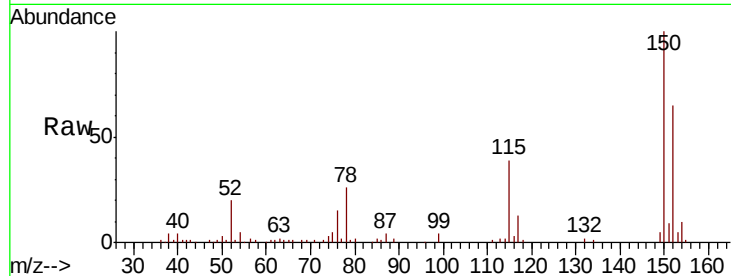


#1

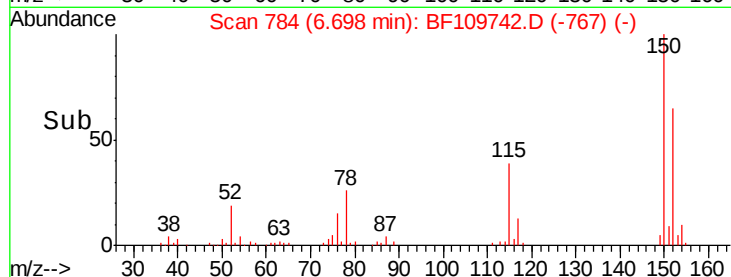
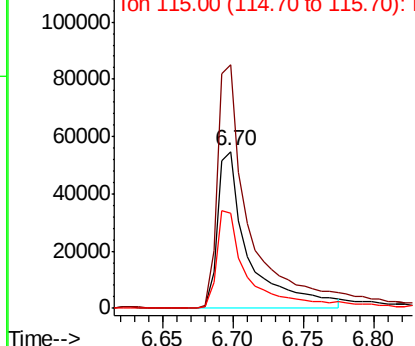
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109742.D
Acq: 10 Oct 2018 15:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 84984
Ion Ratio Lower Upper
152 100
150 154.9 122.7 184.1
115 60.8 49.1 73.7



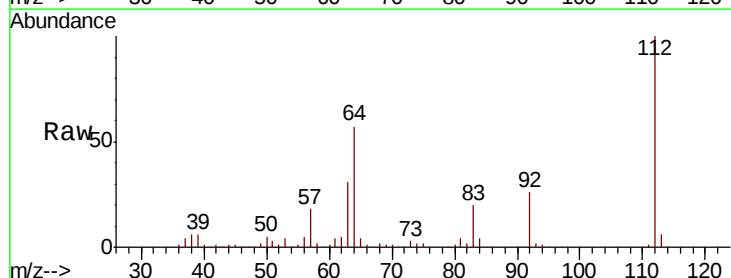
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



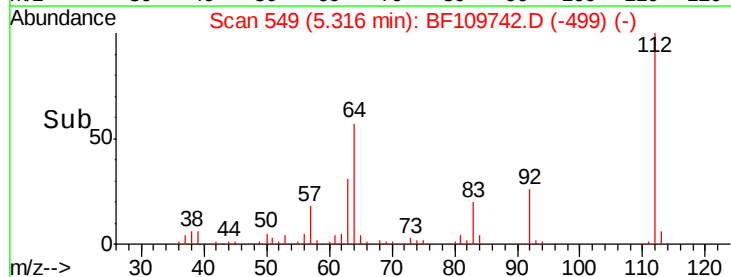
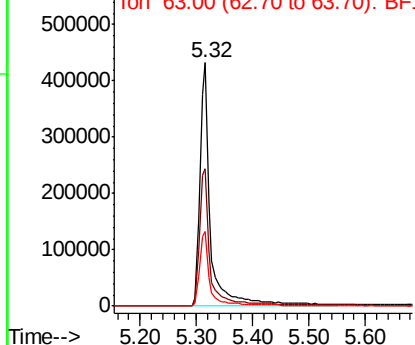
#5

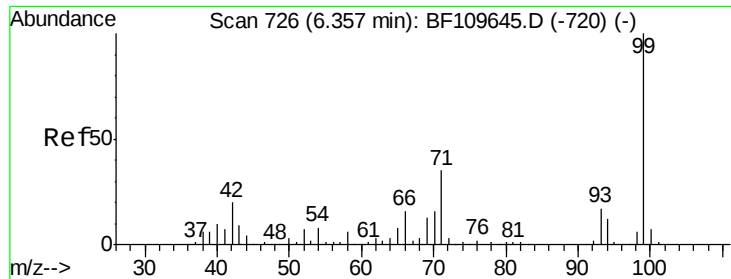
2-Fluorophenol
Concen: 121.304 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF109742.D
Acq: 10 Oct 2018 15:09

Tgt Ion:112 Resp: 580772
Ion Ratio Lower Upper
112 100
64 56.7 44.1 66.1
63 30.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 127.246 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109742.D

Acq: 10 Oct 2018 15:09

Instrument :

BNA_F

ClientSampleId :

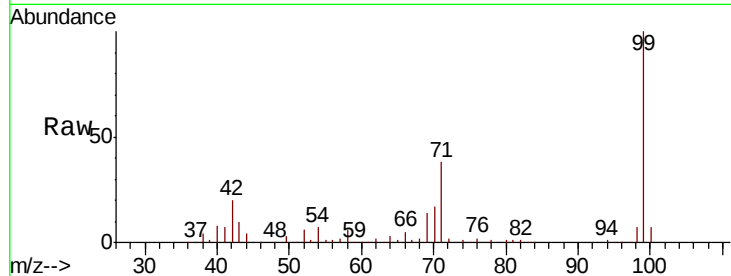
Tot Ion: 99 Resp: 813854

Ion Ratio Lower Upper

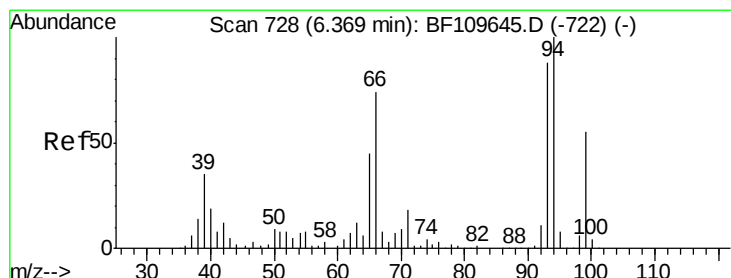
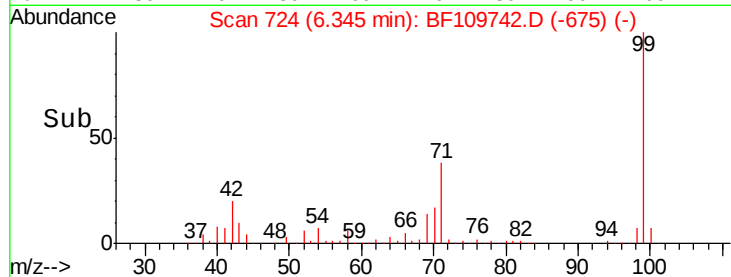
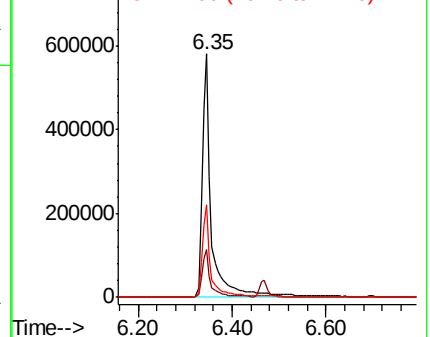
99 100

42 19.8 15.8 23.6

71 37.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.451 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109742.D

Acq: 10 Oct 2018 15:09

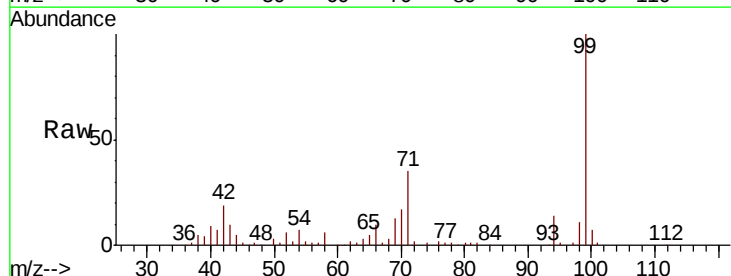
Tgt Ion: 94 Resp: 25308

Ion Ratio Lower Upper

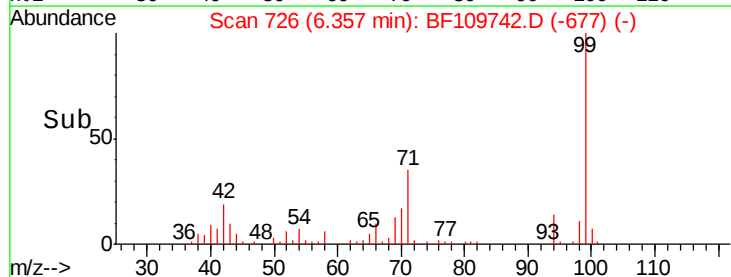
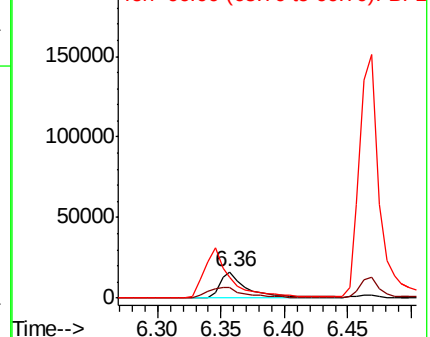
94 100

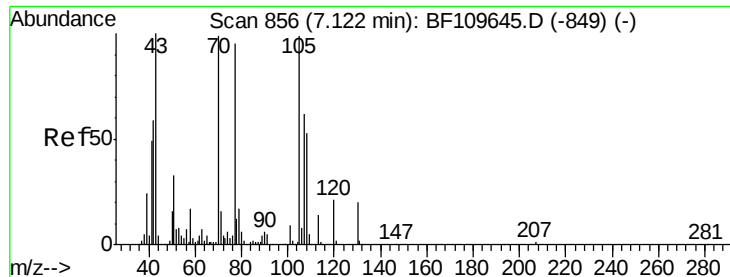
65 38.5 25.3 65.3

66 77.2 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

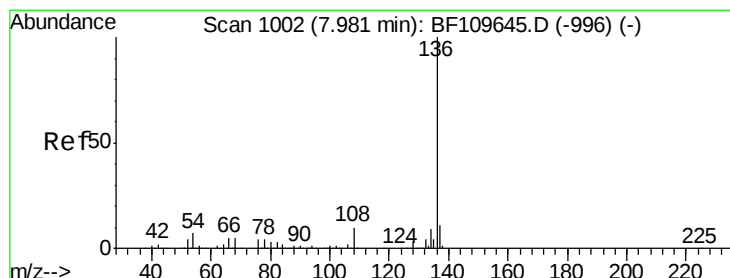
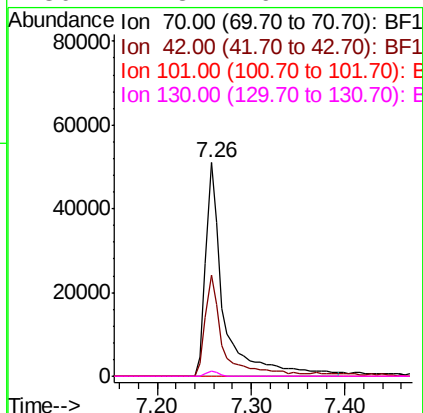
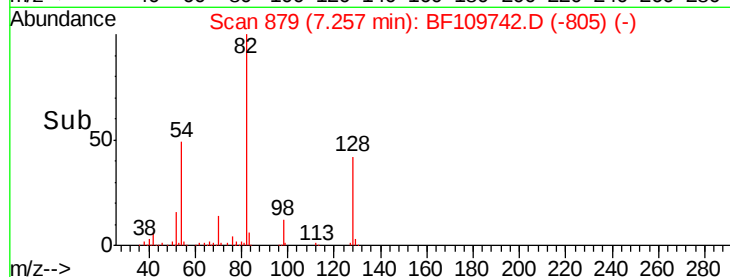
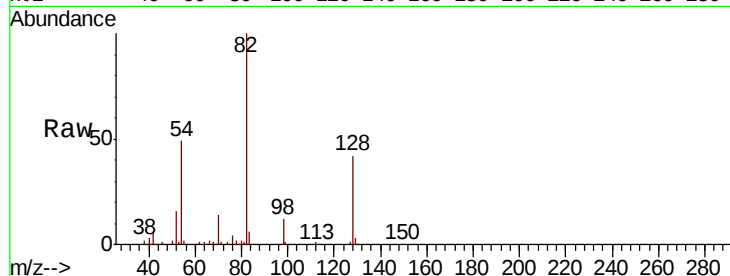




#19
n-Nitroso-di-n-propylamine
Concen: 15.435 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109742.D
Acq: 10 Oct 2018 15:09

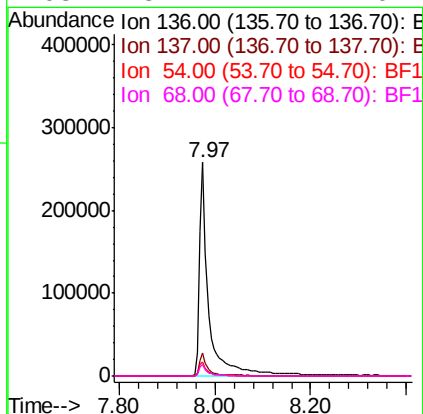
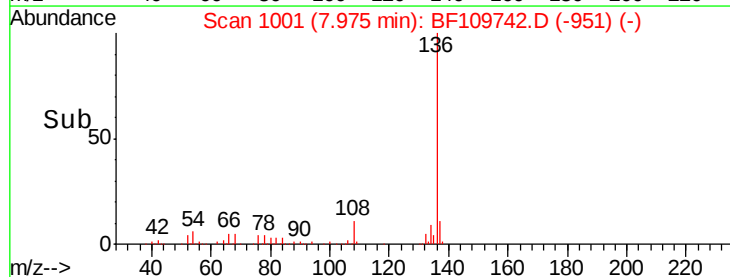
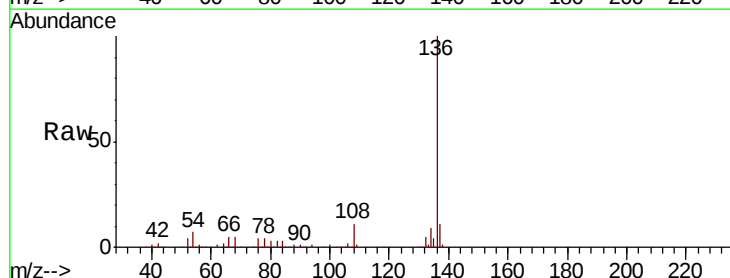
Instrument :
BNA_F
ClientSampleId :

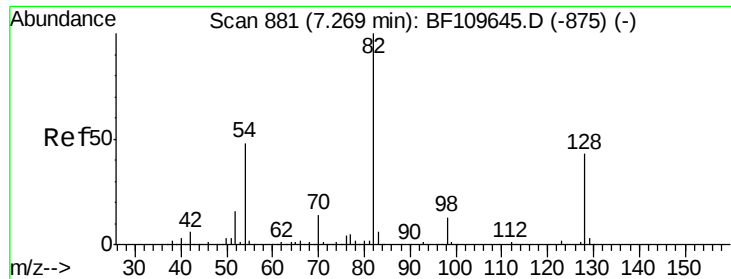
Tot Ion: 70 Resp: 69230
Ion Ratio Lower Upper
70 100
42 47.1 47.4 71.2#
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109742.D
Acq: 10 Oct 2018 15:09

Tgt Ion: 136 Resp: 362754
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.6 5.4 8.2
68 5.2 4.2 6.2

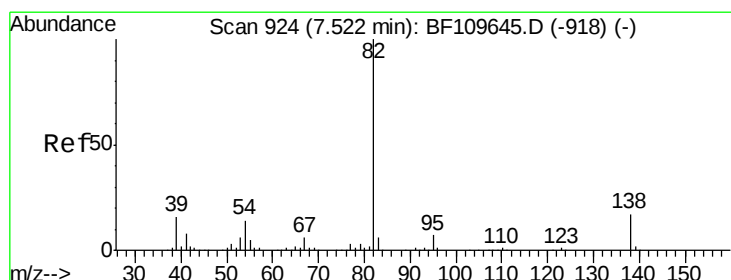
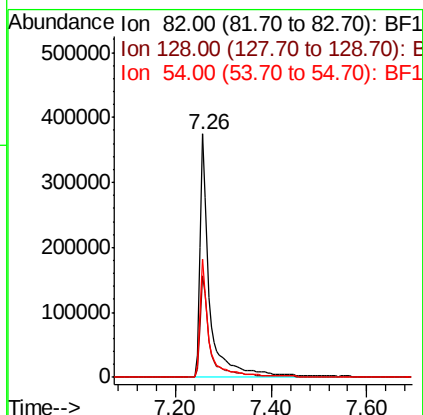
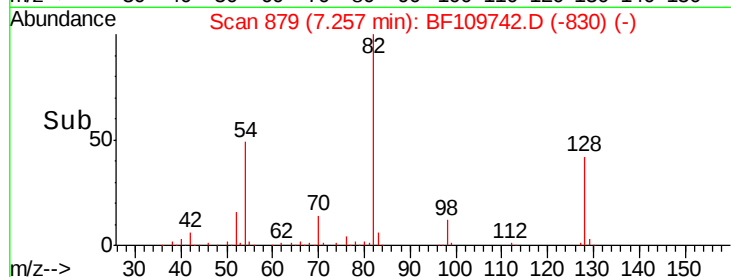
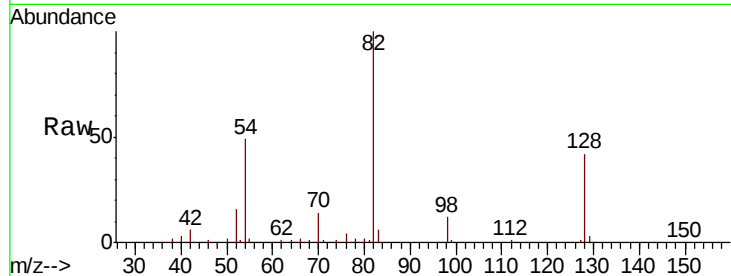




#23
 Nitrobenzene-d5
 Concen: 82.360 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109742.D
 Acq: 10 Oct 2018 15:09

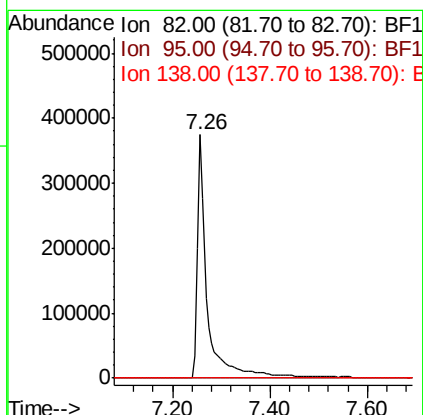
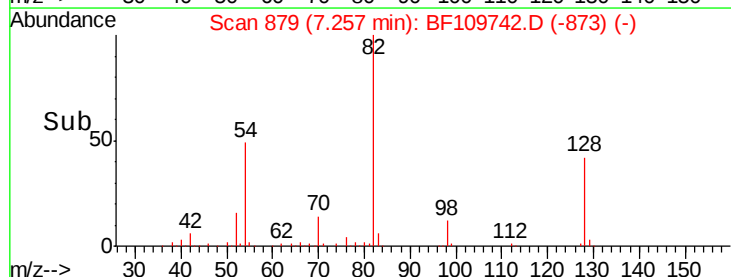
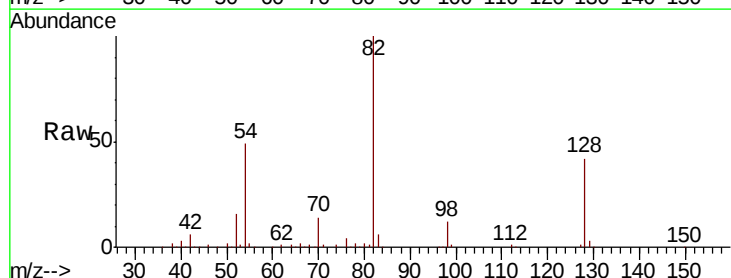
Instrument :
 BNA_F
 ClientSampleID :

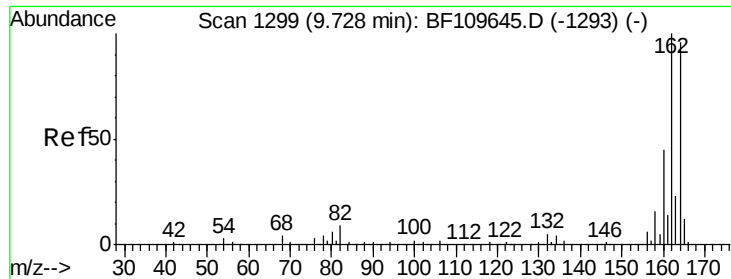
Tot Ion	82	Resp	541994
Ion Ratio	Lower	Upper	
82	100		
128	41.8	34.2	51.2
54	48.8	38.6	58.0



#25
 Isophorone
 Concen: 49.598 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF109742.D
 Acq: 10 Oct 2018 15:09

Tgt Ion	82	Resp	541992
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109742.D

Acq: 10 Oct 2018 15:09

Instrument :

BNA_F

ClientSampleId :

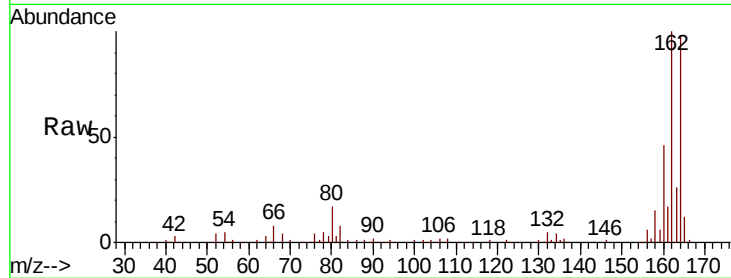
Tot Ion:164 Resp: 176399

Ion Ratio Lower Upper

164 100

162 102.6 83.0 124.6

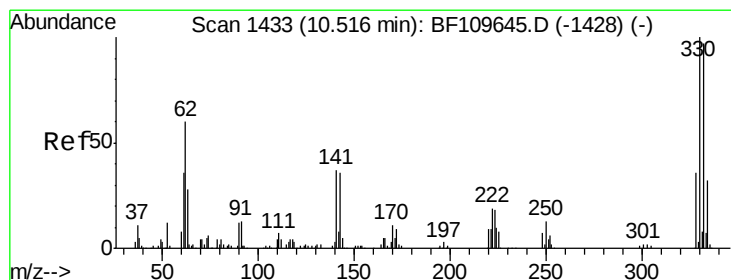
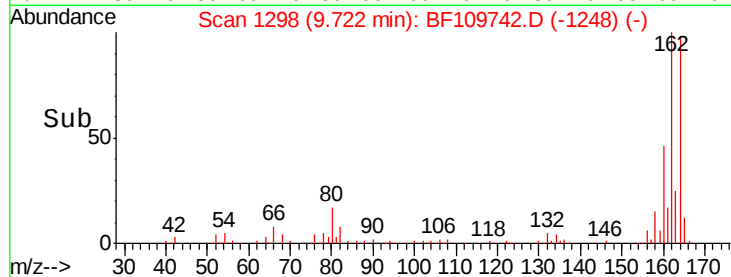
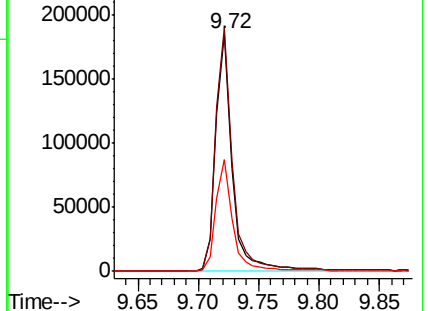
160 46.9 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 128.729 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109742.D

Acq: 10 Oct 2018 15:09

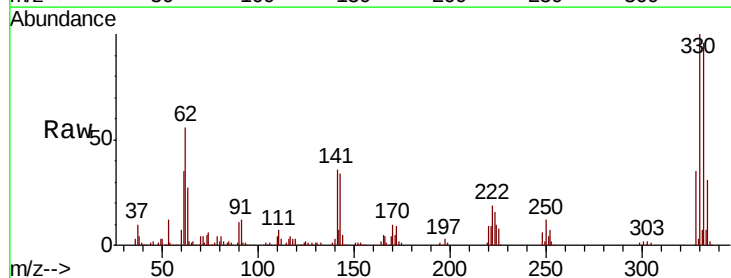
Tgt Ion:330 Resp: 247425

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

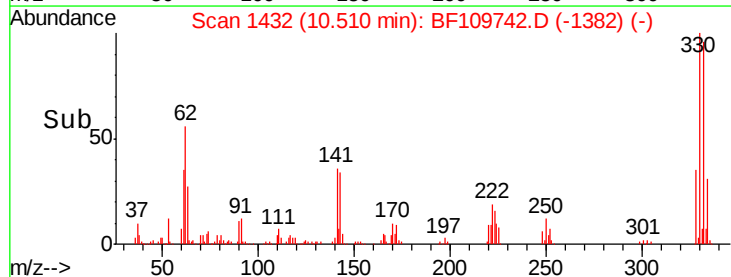
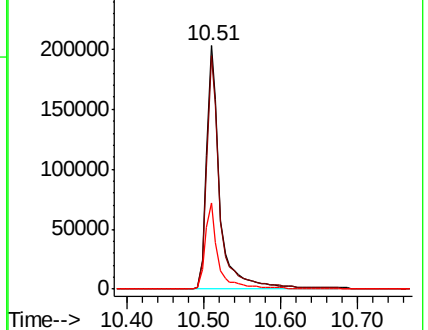
141 35.3 27.0 40.4

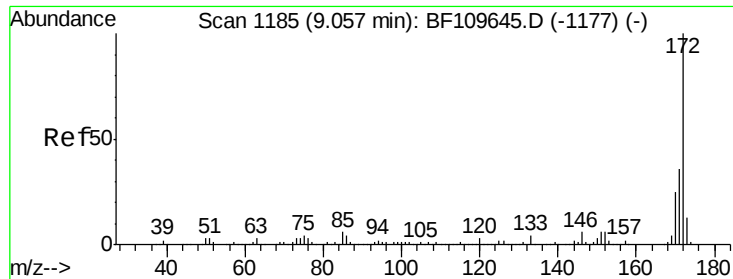


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

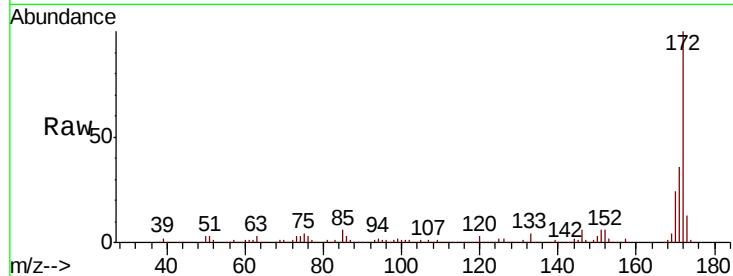




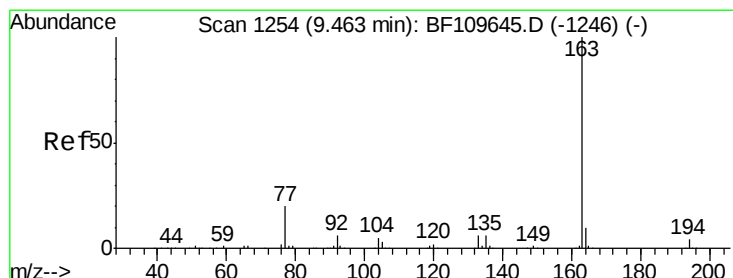
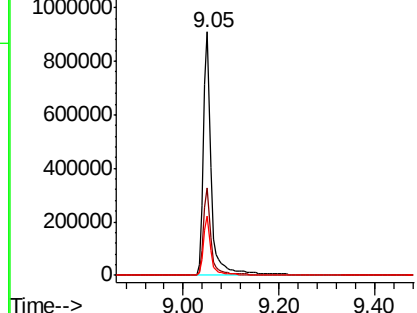
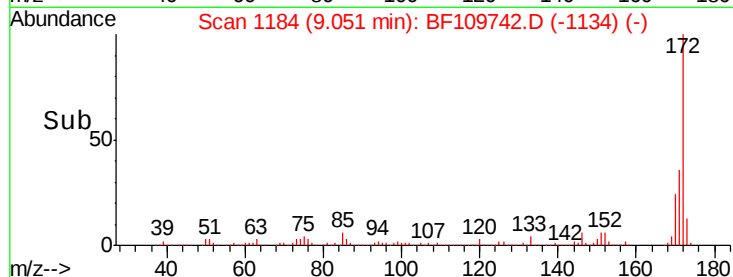
#44
2-Fluorobiphenyl
Concen: 81.361 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109742.D
Acq: 10 Oct 2018 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1042071
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.2 19.7 29.5

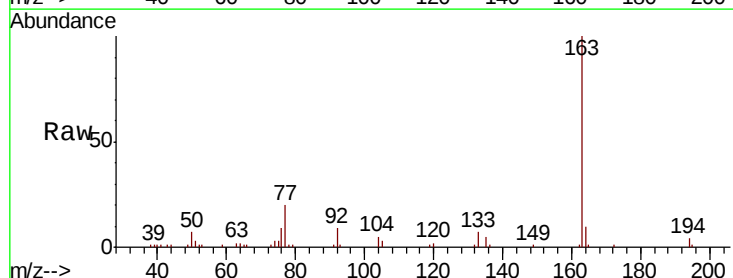


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

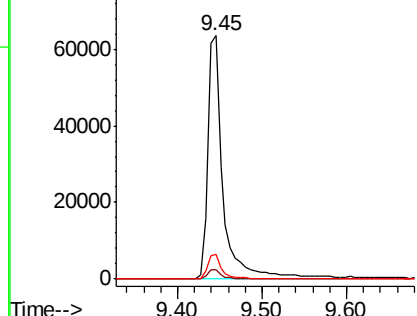
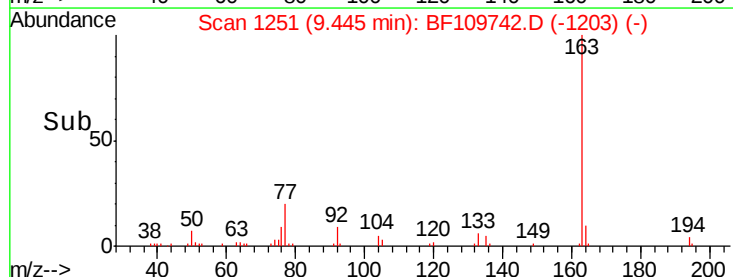


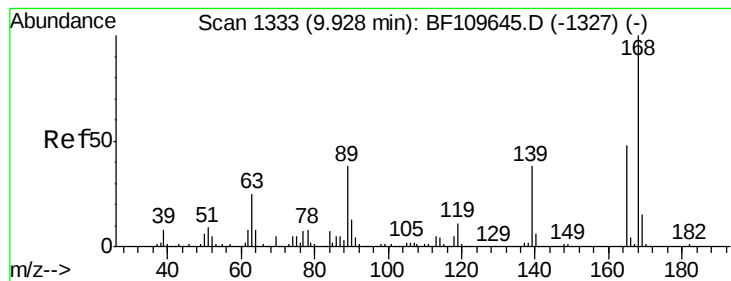
#49
Dimethylphthalate
Concen: 6.210 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109742.D
Acq: 10 Oct 2018 15:09

Tgt Ion:163 Resp: 80337
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.391 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF109742.D

Acq: 10 Oct 2018 15:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 22365

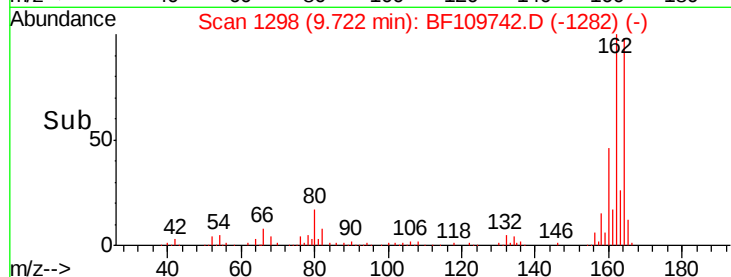
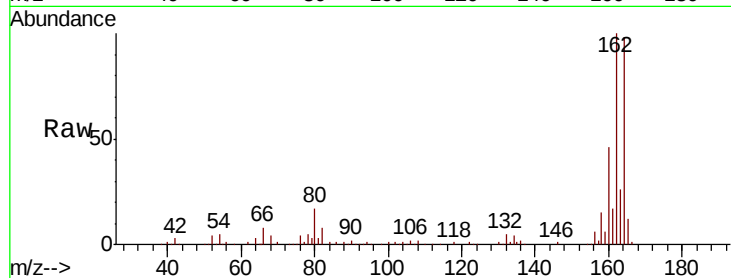
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 1.6 62.2 93.4#

182 0.0 2.1 3.1#

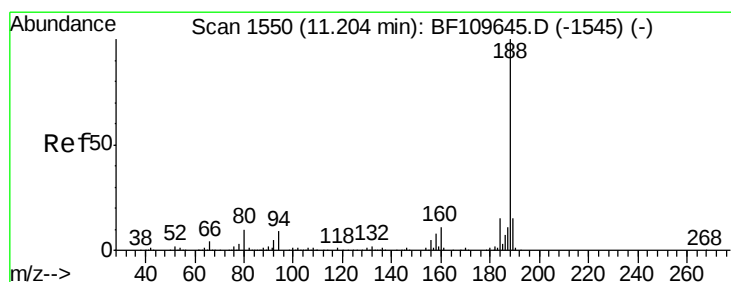
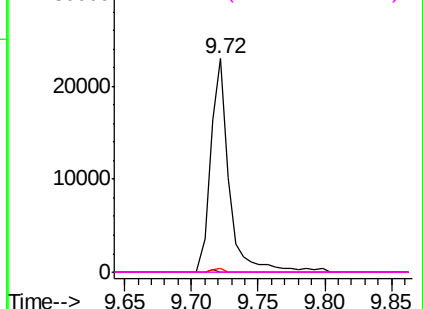


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF109742.D

Acq: 10 Oct 2018 15:09

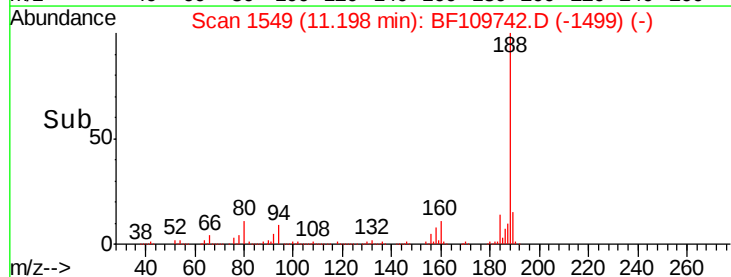
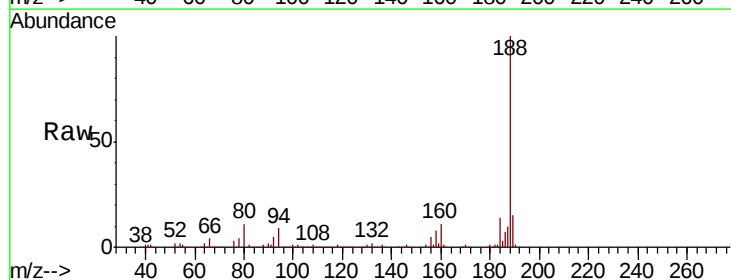
Tgt Ion:188 Resp: 375704

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

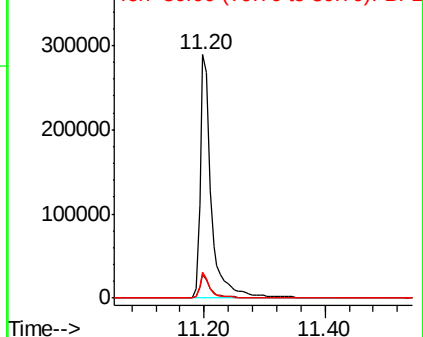
80 10.5 7.9 11.9

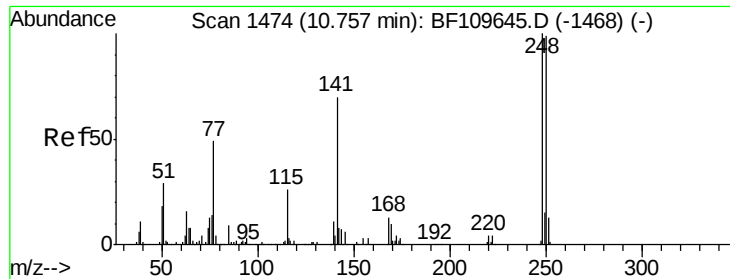


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

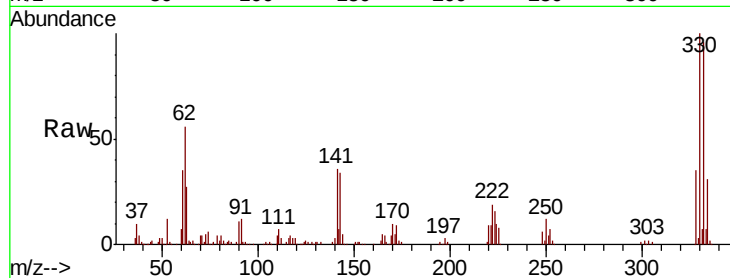




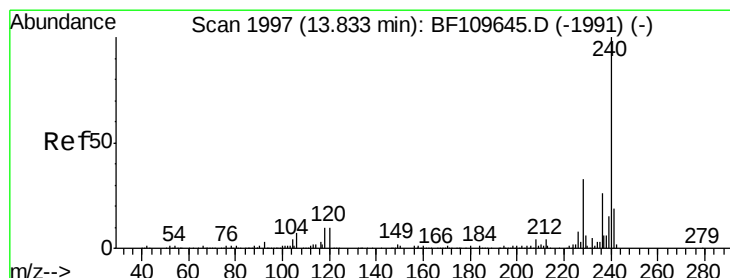
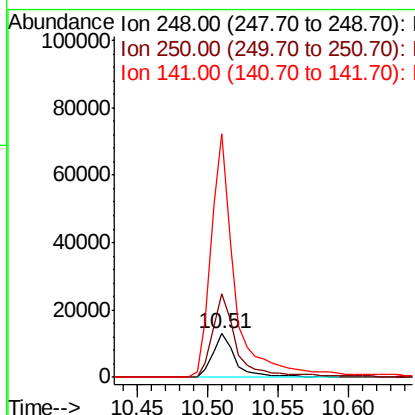
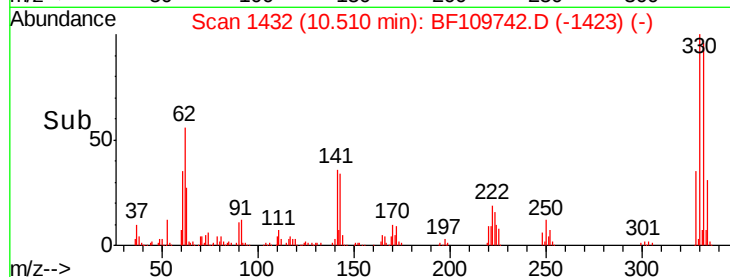
#66
 4-Bromophenyl-phenylether
 Concen: 3.427 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109742.D
 Acq: 10 Oct 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14792
 Ion Ratio Lower Upper
 248 100
 250 193.1 79.4 119.2#
 141 561.5 55.9 83.9#

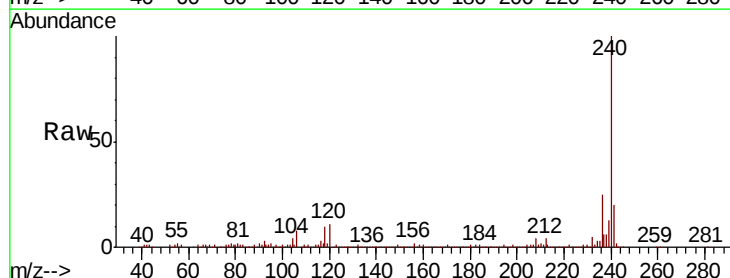


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

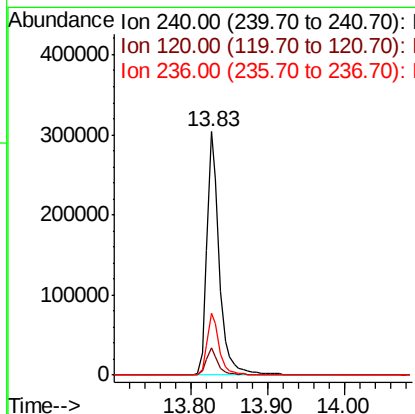
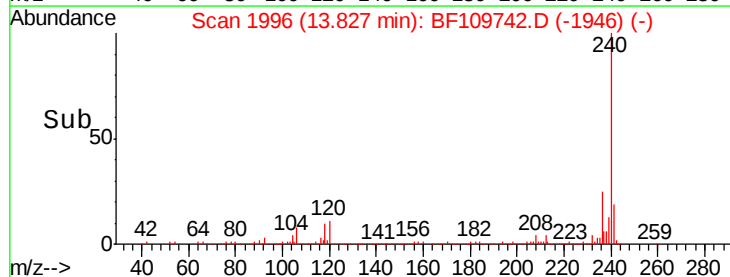


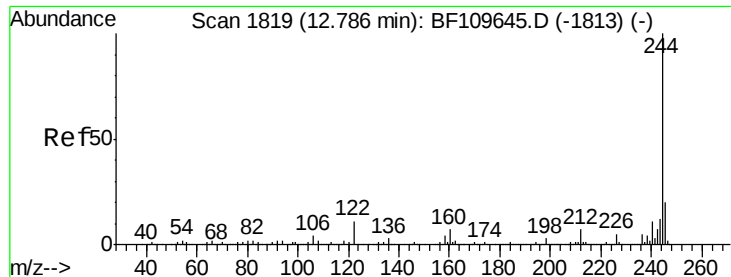
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109742.D
 Acq: 10 Oct 2018 15:09

Tgt Ion:240 Resp: 339351
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.3 12.5
 236 25.3 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.080 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF109742.D

Acq: 10 Oct 2018 15:09

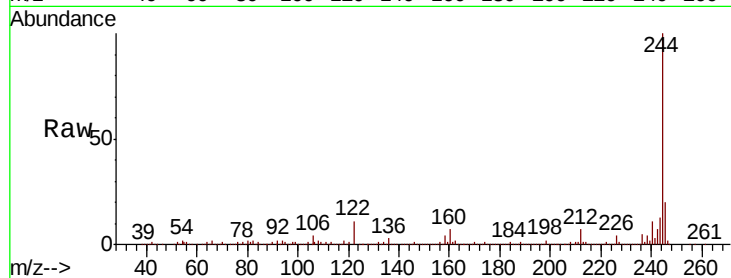
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1140849

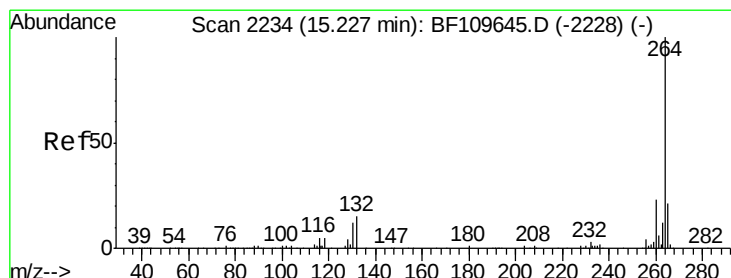
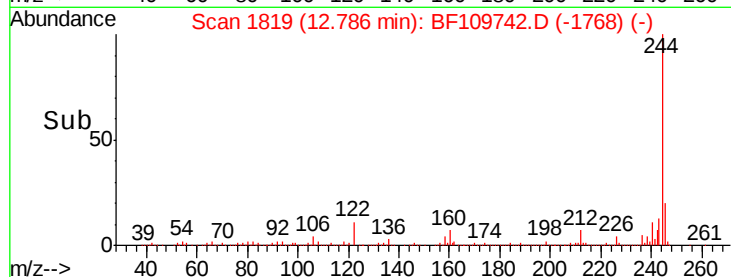
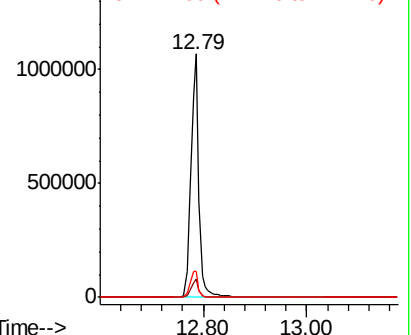
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	10.8	8.7	13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

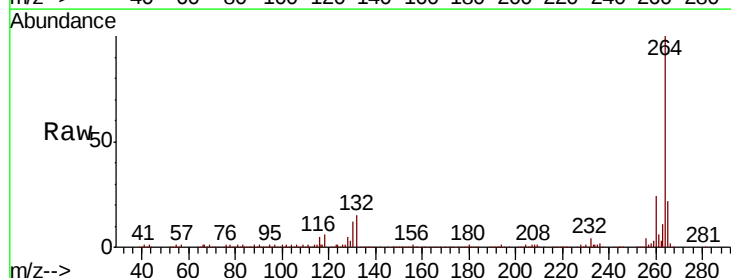
Delta R.T. -0.00 min

Lab File: BF109742.D

Acq: 10 Oct 2018 15:09

Tgt Ion:264 Resp: 304453

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.7	16.7	25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

